

> d his

(FILE 'USPAT' ENTERED AT 12:58:01 ON 13 MAY 1997)

L1 45558 S (MEMORY OR RAM OR STORAGE) (6A) (PROCESSOR# OR MICROPROCES
SOR
L2 26731 S (MEMORY OR RAM OR STORAGE) (5W) (MEMORIES OR SECTIONS OR P
ORT
L3 2663 S L1(P)L2
L4 194720 S (MEMORY OR RAM OR STORAGE) (6A) (LOAD### OR WRIT### OR STO
R##
L5 108796 S (MEMORY OR RAM OR STORAGE) (6A) (RETRIEV#### OR READ#### O
R U
L6 1534 S L3(P)L4
L7 563 S L5(P)L6
L8 10915 S (MASTER OR PRIMARY OR FIRST OR MAIN OR SYSTEM) (1W) (PROCE
SSO
L9 40 S L7(P)L8
L10 4148 S (SLAVE OR SECOND OR SECONDARY) (1W) (PROCESSOR OR MICROPRO
CES
L11 18 S L9(P)L10
SEL 1-18 CCLS
SEL L9 1-40 CCLS
L12 22 S L9 NOT L11
FILE 'JPO' ENTERED AT 13:43:54 ON 13 MAY 1997
L13 1 S L9
FILE 'EPO' ENTERED AT 13:45:27 ON 13 MAY 1997
L14 0 S L9
=>

APS

5/7/27 (Item 11 from file: 8)
DIALOG(R) File 8:EI Compendex(R)
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00367335 E.I. Monthly No: EI7405025706

Title: CONCEPT OF MACRO-PIPELINING WITH HIGH AVAILABILITY.

Author: Haendler, Wolfgang

Corporate Source: Univ Erlangen-Nuernberg, Ger

Source: Elektronische Rechenanlagen v 15 n 6 Dec 1973 p 269-274

Publication Year: 1973

CODEN: ELRAA4

Language: ENGLISH

Journal Announcement: 7405

Abstract: A concept, which is called in this paper " Macro-Pipelining " is considered. The basic idea shows a certain similarity to a configuration, called PRIME, developed at the University of California. This system is primarily intended for a university environment. Like PRIME, the proposed configuration consists mainly of available standard units, e. g. memory blocks and Processors META 4. Several processors share memory blocks in order to transfer preprocessed data. The entire installation works mainly on one complete job, in this case air traffic control, while the single processors perform their fixed allocated tasks. Immediately after having finished their special part of the work, they transfer the data into a block of memory which is shared by a processor coming next in the chain. While the second processor is working on the transferred data, the first processor repeats its designated task on a new set of data given to it by its predecessor. 11 refs.

?pause

file copy

?ds

>>> PAUSE ended.

Set	Items	Description
S1	17338	(RAM OR MEMORY OR (RANDOM(W)ACCESS(W)MEMORY)) (3N) (BLOCK? ? OR REGION? ? OR PORTION? ? OR SECTION? ? OR PARTITION? ?)
S2	809	S1(5N) (PROCESSOR? ? OR MICROPROCESSOR? ?)
S3	301	S2 AND (PROCESSORS OR MICROPROCESSORS)
S4	4957	(RAM OR MEMORY OR (RANDOM(W)ACCESS(W)MEMORY)) (4W) (BLOCKS OR REGIONS OR PORTIONS OR SECTIONS OR PARTITIONS)
S5	82	S3(25N)S4

?log

09nov96 09:53:50 User219556 Session B10.4

\$12.09 0.403 Hrs FilePause

\$12.09 Estimated cost FilePause

\$1.89 0.021 Hrs File2

\$1.89 Estimated cost File2

\$0.81 0.009 Hrs File8

\$1.50 1 Type(s) in Format 7

\$1.50 1 Types

\$2.31 Estimated cost File8

\$0.84 0.014 Hrs File275

\$0.00 4 Type(s) in Format 95 (KWIC)

\$6.75 3 Type(s) in Format 3 (UDF)

\$33.60 14 Type(s) in Format 4 (UDF)

\$40.35 21 Types

\$41.19 Estimated cost File275

\$7.99 0.036 Hrs File351

\$58.86 27 Type(s) in Format 5 (UDF)

\$58.86 27 Types

\$66.85 Estimated cost File351

\$0.27 0.003 Hrs File342

\$4.00 2 Type(s) in Format 3

\$4.00 2 Types

\$4.27 Estimated cost File342

\$0.60 0.005 Hrs File348

\$2.80 4 Type(s) in Format 4 (UDF)

\$2.80 4 Types

\$3.40 Estimated cost File348

\$0.24 0.004 Hrs File624

\$2.50 2 Type(s) in Format 3

\$0.00 1 Type(s) in Format 95 (KWIC)

\$2.50 3 Types

\$2.74 Estimated cost File624

\$0.06 0.001 Hrs File674

\$0.06 Estimated cost File674

OneSearch, 8 files, 0.500 Hrs FileOS

\$134.80 Estimated cost this search

\$134.80 Estimated total session cost 0.504 Hrs.

Logoff: level 42.10.03 B 09:53:51

